

Title (en)

Method and printer with fault masking

Title (de)

Verfahren und Drucker mit Fehlermaske

Title (fr)

Procédé et imprimante avec masquage de défauts

Publication

EP 1106357 B1 20060118 (FR)

Application

EP 00403350 A 20001130

Priority

FR 9915270 A 19991203

Abstract (en)

[origin: EP1106357A1] Ink droplets are charged electrically by passage between two electrodes. Each of a set or salvo of ink droplets forced by pressure from the print head is aligned effectively parallel to the direction of advancement of the print media. In addition to the normal applied voltage a small random voltage is applied to each of the droplets which is less than one times the nominal voltage difference between successive drops. An Independent claim is made for an inkjet printer in which a small random voltage can be applied to successive ink drops in an ink salvo originating from the print head.

IPC 8 full level

B41J 2/01 (2006.01); **B41J 2/08** (2006.01); **B41J 2/02** (2006.01); **B41J 2/075** (2006.01); **B41J 2/085** (2006.01); **B41J 2/12** (2006.01); **B41J 2/21** (2006.01); **B41J 29/393** (2006.01)

CPC (source: EP US)

B41J 2/08 (2013.01 - EP US); **B41J 2/085** (2013.01 - EP US); **B41J 2/2132** (2013.01 - EP US); **B41J 29/393** (2013.01 - EP US)

Designated contracting state (EPC)

BE DE ES FR GB IT

DOCDB simple family (publication)

EP 1106357 A1 20010613; **EP 1106357 B1 20060118**; CN 1137817 C 20040211; CN 1300672 A 20010627; DE 60025581 D1 20060406; DE 60025581 T2 20061109; ES 2255960 T3 20060716; FR 2801834 A1 20010608; FR 2801834 B1 20020201; IL 139886 A0 20020210; IL 139886 A 20040512; JP 2001162806 A 20010619; US 2002018106 A1 20020214; US 6485134 B2 20021126

DOCDB simple family (application)

EP 00403350 A 20001130; CN 00137373 A 20001202; DE 60025581 T 20001130; ES 00403350 T 20001130; FR 9915270 A 19991203; IL 13988600 A 20001123; JP 2000362637 A 20001129; US 72681200 A 20001130